

# ANNULAR FLANGE ON EXTERNAL ROTOR CUP

## Abstract of Disclosure

An electric motor includes a rotor cup housing having an annular flange extending circumferentially from a sidewall. The motor further includes a stator including a stator core having a winding thereon and a rotor positioned at least partially around the stator. A rotor shaft is positioned at least partially within the stator.

FIG. 1 is a perspective view of an electric motor in accordance with the present disclosure. The motor includes a stator 10, a rotor 20, and a rotor shaft 30. The stator 10 includes a stator core 12 and a winding 14. The rotor 20 includes a rotor cup 22 and a rotor shaft 30. The rotor cup 22 includes an annular flange 24 extending circumferentially from a sidewall 26. The rotor shaft 30 is positioned at least partially within the stator 10.

## Figures

Figure 1: A line graph showing the relationship between the number of hours spent studying and the score on a test. The x-axis represents the number of hours (0 to 10), and the y-axis represents the score (0 to 100). The data points are as follows:

Hours	Score
0	50
1	55
2	60
3	65
4	70
5	75
6	80
7	85
8	90
9	95
10	100